

Status of allocation of bay(s) at the existing or the proposed RE ISTS sub-stations for Connectivity Grantees

{As on 29.02.2024}

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Remarks			
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV					
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)				
1	400/220kV Jam Khambhaliya (GIS) PS #	22°08'41"N 69°40'38"E	WR	400/220kV, 2x500MVA (5th, 6th & 7th)	400/220kV, 4x500MVA,		Section -A											Transformation Capacity at 400/220kV Jam Khambhaliya (GIS) PS is expandable up to 9x500MVA ICTs . 2x500MVA ICTs are planned for State Drawal and 7x500MVA ICTs for RE Injection upto 3000.		
							201	250.71	Apraava Energy Pvt. Ltd.	407	0	Vacant	201	49.29	407					
							202	300	Juniper Green Energy Pvt. Ltd. (200+100)	2			202	0	2					
							203	364.6	Powerica Ltd. (50.6+53+50)+ Indian Oil NTPC (211)	3			203	0	3					
							206	290	Torrent Power Ltd. (115) Airpower Windfarms Pvt. Ltd. (175)	4			206	10	4					
							5	300	Avaada Energy Pvt. Ltd.(50+100) + Malaren Solar Pvt. Ltd. (150)	5			5	0	5					
							6	545	NTPC Renewable Energy Ltd. (500 + 45)	6			6	55	6					
							7			7			7		7					
							Section -B													
							8	400	ACME Sun Power Pvt. Ltd.	8			8	0	8					
							9	250	Mounting Renewable Power Ltd.	9			9	50	9					
							10	300	Juniper Green Energy Pvt. Ltd. (100+200*)	10			10	0	10					
													3000.31		0					
2	765/400/220kV Bhuj PS#	23.45583333° N, 69.56235833° E	WR	4x1500MVA, 765/400kV; 8x500MVA, 400/220kV	1x500MVA, 400/220kV (9th)		205	526	Inox Green Energy Services Ltd. (50) ; Wind One Renergy Ltd (50); Wind Two Renergy Ltd (50); Wind Three Renergy Ltd (50); Wind Five Renergy Ltd (50); Continuum Power Trading (TN) Ltd (126); NTPC Renewable Energy Ltd. (150)				205	74		Transformation Capacity at 400/220kV Bhuj PS are expandable up to 9x500MVA ICTs				
							208					208								
							206	305	Ayana Renewable Power Four Pvt. Ltd. (100); NTPC Renewable Energy Ltd. (155); Seven Renewable Power Private Limited (50)				206	0						
							207	150	Ayana Renewable Power Four Pvt. Ltd.					150						
							215	300	Green Infra Wind Energy Ltd.				215	0						
							216	250	Green Infra Wind Energy Ltd.				216	50						
							219	555	Adani Wind Energy Kutchh one Ltd. (175); Adani Wind Energy Kutchh Three Ltd. (250); Adani Wind Energy Kutchh Five Ltd. (130);				219	45						
							220					220								
							230	300	Alfanar Energy Pvt Ltd				230	0						
							231	300	Netra Wind Pvt Ltd				231	0						
							230	243	Avikiran Solar India Pvt. Ltd.(168) + Juniper Green Energy Pvt. Ltd. (75)				230	57						
							234	300	Renew Wind Energy (AP2) Pvt. Ltd				234	0						
							13	200	NLC India Ltd.				13	100						
						3429.0														

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Remarks		
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV				
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
3	765/400/220kV Bhuj-II PS#	Boundary Coordinates 23°22'29.92"N 69° 8'32.39"E 23°22'26.60"N 69° 8'55.06"E 23°22'6.44"N 69° 8'43.33"E 23°22'15.91"N 69° 8'24.01"E	WR	1x1500 MVA, 765/400 kV (3rd); 5x500 MVA, 400/220 KV (5th, 6th, 7th, 8th & 9th)	2x1500 MVA, 765/400 kV; 4x500 MVA, 400/220 KV	Section - A												Transformation Capacity at 765/400/220kV Bhuj II GIS S/s is expandable upto 4x1500MVA, 765/400kV ICTs & 9x500MVA, 400/220kV ICTs.	
						210	300	Sitac Kabini Renewables Pvt Ltd				207	0						
						207	238.5	Srijan Energy Systems Pvt. Ltd. +CGE Renewables Pvt. Ltd. (90)				207	61.5						
						201	300	Adani Green Energy Ltd				201	0						
						204	300	Inox Wind Infrastructure Services Ltd.				204	0						
						5	300	NTPC REL (300)				5	0						
						6	350	NTPC REL (150+200)				6	0						
						7	360	SJVN Green Energy Ltd.				7	0						
						Section - B													
						8	314	ABREL (RJ) Projects Ltd.				8	0						
						9	362	Aditya Birla Renewables Subsidiary Ltd. (362)				9	0						
						10	350	ACME Cleantech Solutions Pvt. Ltd.				10	0						
						11	150	ACME Cleantech Solutions Pvt. Ltd. (50+100*)				11	150						
12	300	Avaada Energy Pvt. Ltd. (100+200)				12	0												
						3624.5													
4	400/220kV Bhachau S/s	23.20613889° N, 70.18733333° E	WR		2x315 MVA, 400/220 KV											Availability of line corridor is limited.			
						210	300	Ostro Kutch Wind Pvt. Ltd.				210	300						
						211						211							
						212	350	Renew Power Ventures Pvt. Ltd.				212	250						
						213						213							
						650													
5	Khavda PS-I	Boundary Coordinates: 534252.00 m E 2665370.00 m N 534924.00 m E 2665328.00 m N 534892.00 m E 2664895.00 m N 534253.00 m E 2664935.00 m N	WR		4x1500MVA, 765/400kV (Sec-A) & 4x1500MVA, 765/400kV (Sec-B)	Section-A										Transformation Capacity at 765/400kV Khavda PS-I is expandable up to 8x1500MVA ICTs			
						401	2500	Adani Renewable Energy Holding Four Ltd.				401							
						407						407							
						404	1000	Adani Renewable Energy Holding Four Ltd.				404							
						4	1050	Adani Green Energy Ltd. (1050)				4							
						Section-B													
						5	1000	Adani Green Energy Ltd. (1000)				5							
						6	1000	Adani Green Energy Ltd.				6							
						7	1300	Adani Green Energy Ltd. (1050+250)				7							
						8	1150	Sarjan Realties Pvt. Ltd.				8							
						9000													
6	Khavda PS-II	Boundary Coordinates: 24° 4'56.96"N, 69°31'1.32"E; 24° 4'59.66"N, 69°31'38.38"E; 24° 4'33.74"N,69°31'40.65"E; 24° 4'31.07"N,69°31'3.56"E;	WR	4x1500MVA, 765/400kV (2 each on Sec-A & Sec-B)	4x1500MVA, 765/400kV (2 each on Sec-A & Sec-B)	Section-A										Transformation Capacity at 765/400kV Khavda PS- II is expandable up to 9x1500MVA ICTs.			
						1	1964	Gujarat State Electricity Corporation Ltd. (600+1000+364)				1							
						2						2							
						3	1175	Gujarat Industries Power Company Ltd.(600 + 575)				3							
						4	1995	NTPC REL				4							
						5						5							
						Section-B													
						6	1555	NTPC Renewable Energy Ltd. (NTPC REL) (365+890+300)				6							
						7	1361	Gujarat State Electricity Corporation Ltd. (1361)				7							
8	1200	Gujarat Industries Power Corporation Ltd. (1200)				8													
						0													
						9250													

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Remarks											
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV													
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)												
7	Khavda PS-III	Boundary Coordinates: 24°12'26.58"N, 69°29'41.53"E; 24°12'26.50"N, 69°30'04.57"E; 24°12'13.57"N, 69°29'41.48"E; 24°12'13.50"N, 69°30'04.52"E;	WR	3x1500MVA, 765/400kV (Sec-B)		4x1500MVA, 765/400kV (Sec-A)	Section-A											Transformation Capacity at 765/400kV Khavda PS-III is expandable up to 8x1500MVA ICTs.										
								1	1050	Adani Green Energy Ltd. (1050)										1								
								2	1200	NTPC Renewable Energy Ltd. (NTPC REL) (1200)										2								
								3	1250	Sarjan Realities Pvt. Ltd.										3								
								4	1100	Sarjan Realities Pvt. Ltd.										4								
																			Section-B									
								5	1250	Sarjan Realities Pvt. Ltd.										5								
	6	600	NHPC Ltd.				6																					
							6450																					
8	Banaskantha (Radhanesda) PS [GIS] (Vav)	Boundary Coordinates: 24°20'33.9"N 71°29'08.3"E 24°20'40.4"N 71°29'13.5"E 24°20'35.5"N 71°29'20.6"E 24°20'29.0"N 71°29'15.3"E	WR	1x500 MVA, 400/220 KV	2x500 MVA, 400/220 KV		1	700	Radhanesda UMSP (GPCL)																			
							2																					
							3																					
							4	250	Sprng Power Earth Pvt. Ltd.																			
							5	250	Sprng Energy Pvt. Ltd. (100+150)*																			
							1200																					
9	400/220kV Rajgarh (PG) (existing) S/s#	22.68222222° N, 74.92444444° E	WR	1x500MVA, 400/220 kv (4th) (segregated from existing 220kV bus through bus section)	2x315 MVA, 400/220 KV	1x500MVA, 400/220 kv (3rd) (segregated from existing 220kV bus section)	Section-A										@injection of power would be on the extended bus through 220kV GIS line bays being terminated into 2x500MVA, 400/220kV ICT.											
							209	298.24	Sprng Vayu Vidyut Pvt Ltd.(55.44+50.4+50.4+42+100)																			
																		Section-B (Extended Bus)@										
							2	226.8	VEH Jayin Renewable Pvt. Ltd. (151.8); VEH Wind Energy Pvt. Ltd. (75)																			
							3	350	Sprng Vayu Vidyut Pvt. Ltd. (100+100.8+82); Sprng Akshaya Urja Pvt. Ltd. (67.2)																			
4	200	Avaada Energy Pvt. Ltd. (50 + 150)																										
							1075.04																					
10	400/220kV Indore (PG) (existing) S/s	22°54'31.81"N, 75°53'58.87"E	WR		2x1500 MVA, 765/400 kv 3x500 MVA, 400/220 kv	1x1500 MVA, 765/400 kv (3rd) ICT	214	324.4	SBESS Services Projectco Two Pvt. Ltd.	1	600	Renew Urja Sanchar Pvt. Ltd. (300); Renew Samir Urja Pvt. Ltd. (300)	214	0		Injection of power would be on the extended bus through 220kV Hybrid/MTS line bays. Additional quantum of about 150 can be evacuated in case of injection at 220kV level.												
							324.4			600																		
11	Pachora PS#	23.7177N 76.12333E	WR			3x500MVA, 400/220kV & 3x500MVA, 400/220kV	1	550	RUMSL (Agar SP)				1	50		Transformation Capacity at 400/220kV Pachora SEZ PP is expandable up to 9x500MVA ICTs . Presently, system has been planned for evacuation of 2.5GW capacity from Rajgarh SEZ												
							2						2															
							3	450	RUMSL (Shajapur SP)				3	150														
							4					4																
							5	235	Blue Leaf Energy Renewables Pvt. Ltd.				5	65														
							6	240	VEH Saur Urja Pvt. Ltd.(163.2) + VEH Damen Power Pvt. Ltd. (76.8)				6	60														
							7	181	Abenergia Renewables Pvt. Ltd.(100 +81)				7	119														
							8	300	Avaada Energy Pvt. Ltd. (50+250)				8	0														
							9	186	Bhojraj Developers Pvt. Ltd. (186)				9	114														
							10	400	ACME Cleantech Solutions Pvt. Ltd.				10	0														
							2542																					
12	Neemuch PS	25.0251543N, 75.2274338E	WR			2x500MVA, 400/220kV	1	500	RUMSL (Neemuch SP)				1	100	0	Transformation Capacity at 400/220kV Neemuch PS is expandable up to 4x500MVA ICTs												
							2						2		Presently, system has been planned for evacuation of 1GW capacity from Neemuch SEZ													
							500			0																		

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)	
24	400/230 kV Pugalur S/s	10°57'42"N 77°55'22"E	SR		2x315 MVA, 400/230 kV 1x500 MVA, 400/230 kV	-	210	300	Sprng Renewable Energy Private Limited				210	0			Pugalur S/s has been closed for all purpose regarding grant of Connectivity through new bay to potential RE projects. * Agreed for grant
								52.8	Sprng Akshaya Urja Pvt. Ltd.								
							1	151	Tata Power Renewable Energy Ltd.				1	0			
								151.2	Tata Power Renewable Energy Ltd.*								
							655					0					
25	400/220 kV Palakkad S/s	10°46'22"N 76°45'36"E	SR		2x315 MVA + 1x500 MVA, 400/220 kV	-											
							0					0					
26	400/220 kV NP Kunta S/s	14° 2'53.18"N, 78°25'43.01"E	SR	1x500 MVA, 400/220 kV	4x500 MVA, 400/220 kV	-	1	1500	Andhra pradesh Solar Power Corporation Ltd.				1				* Agreed for grant
							2					2					
							3					3					
							4					4					
							5					5					
							6					6					
							7					7					
							8					8					
							9					9					
							10					10					
							11					11					
							12					12					
							13	100	NHPC Ltd				13	100			
								100	First Energy Pvt. Ltd.*								
							1700				0		100				
27	400/220 kV Pavagada S/s	14.318579N 77.385479E	SR		5x500 MVA, 400/220 kV	3x500 MVA, 400/220 kV	1	2050	Karnataka Solar Power Development Corporation Ltd.				1	0			Pavagada PS has been closed for all purpose regarding grant of Connectivity through new bay to potential RE projects.
							2					2					
							3					3					
							4					4					
							5					5					
							6					6					
							7					7					
							8					8					
							218	300	Project Ten Renewable Power Private Limited				218				
							221	200	Solar Energy Corporation of India Ltd				221				
								100	Solar Energy Corporation of India Ltd.								
							222	500	Ircon Renewable Power Ltd				222				
							223						223				
							13	200	TEQ Green Power XVIII Pvt. Ltd.				13				
							3350				0		0				
28	400/220 kV Hiriyur S/s	13°57'12.33"N 76°32'11.40"E	SR		2x315 MVA + 1x500 MVA, 400/220 kV		215	300	ReNew Power Limited				215	0			
							216	66	Zenataris Renewable Energy Pvt Ltd				216	60			
								171.6	Zenataris Renewable Energy Pvt. Ltd.								
							537.6				0		60				

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				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)	
29	765/400 kV Kurnool(new) S/s	15°40'28.6" N 78°10'35.23" E	SR		2x1500 MVA, 765/400 kV	1x1500 MVA, 765/400 kV				409	900	Greenko AP01 IREP Pvt. Ltd			409	0	
										412	565	Greenko AP01 IREP Pvt. Ltd			412	75	
											260	Greenko AP01 IREP Pvt. Ltd					
										418	989	AM Green Energy Pvt. Ltd			418	0	
								0			2714					0	
30	400/220 kV Koppal S/s	15°21'55.49"N 75°59'24.61"E	SR		5x500 MVA, 400/220 kV	1x500 MVA, 400/220 kV	201	300	ReNew Surya Ojas Private Limited				201	0			Koppal PS has been closed for all purpose regarding grant of Connectivity. \$ Consequent to cancellation of LOA by SECI, Connectivity has been revoked. However, Hon'ble CERC & Hon'ble High Court of Karnataka has stayed the revocation and subsequent allocation of bays / capacity.
							204	300	Ayana Renewable power Six Pvt Ltd				204	0			
							203	300	TP Saurya Ltd.				203	0			
							202	300	Renew Solar Power Pvt. Ltd.				202	0			
							205	115	Tunga Renewable Energy Pvt Ltd				205	0			
								189.93	Tunga Renewable Energy Pvt Ltd								
								45.07	Tunga Renewable Energy Pvt Ltd								
							215	150	Project Ten Renewable Power Private Limited				215	0			
								153.6	Kleio Solar Power Private Limited								
							216	300	Project Eight Renewable Power Private Limited \$				216	0			
							220	300	SolarOne Energy Private Limited \$				220	0			
							217	210	Serentica Renewables India 1 Private Limited				217	0			
								90	Serentica Renewables India 1 Private Limited								
								2753.6			0			0			
31	400/230 kV Karur S/s	10°50'34.10"N 77°39'32.91"E	SR		2x500 MVA, 400/230 kV	2x500 MVA, 400/230 kV	201	270	JSW Renew Energy Limited				201	30			*Agreed for grant
							202	150	JSW Future Energy Ltd				202	50			
								100	First Energy Pvt. Ltd.*								
							207	198	Tata Power Renewable Energy Ltd.				207	0			
								93.6	Tata Power Renewable Energy Ltd. *								
							1	300	JSP Green Wind 1 Pvt. Ltd.*					0			
							1	288	Tata Power Renewable Energy Ltd.*								
								1399.6			0			80			
32	400/220 kV Gadag S/s	Boundary coordinates 15°47'13.673"N , 75°51'35.001" E 15°47'13.207" N, 75°51'22.707" E 15°46'58.257" N, 75°51'20.956" E 15°46'57.085" N, 75°51'34.122" E	SR		-	6x500 MVA, 400/220 kV	203	160	Vena Energy Vidyuth Private Limited (VEVPL) (160)				203	0			Gadag PS has been closed for all purpose regarding grant of Connectivity. *Agreed for grant \$ Consequent to cancellation of LOA by SECI, Connectivity has been revoked. However, Hon'ble CERC & Hon'ble High Court of Karnataka has stayed the revocation and subsequent allocation of bays / capacity.
								140	Halvad Renewables Pvt. Ltd.*								
							204	300	Renew Solar Power Pvt. Ltd.				204	0			
							201	170	Azure Power India Private Ltd (120 + 50)				201	0			
								130	Halvad Renewables Pvt. Ltd.*								
							202	300	Green Infra Wind Energy Ltd (GIWEL) (180 + 120 + 50)				202	0			
							216	285	Serentica Renewable India Pvt. Ltd. (165 + 120)				216	0			
							213	300	Renew Naveen Urja Pvt. Ltd				213	0			
							215	300	Project Eight Renewable Power Private Limited \$				215	0			
							217	300	SolarOne Energy Private Limited \$				217	0			
								2385			0			0			

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				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV			
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)		
33	765/400/220kV Koppal-II PS	Boundary coordinates 15°33'24.3189"N , 76°08'34.9729" E 15°33'50.9615"N , 76°08'32.9150" E 15°33'50.5476"N , 76°08'10.5697" E 15°33'22.8373"N , 76°08'10.9787" E	SR	3x1500 MVA, 765/400kV & 5x500 MVA, 400/220 kV		4x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV	1	85	Tata Power Renewable Energy Ltd				1	130			New Pooling Station under implementation in Koppal area of Karnataka. Space provision for additional bays is indicated considering Koppal-II PS for 9 GW capacity which includes RE potential at Koppal-II & Gadag-II . However allocation of bays at Koppal-II PS shall be made considering margins and applications received at Koppal II PS & Gadag-II PS . *Agreed for grant Koppal-II PS has been closed for all purpose regarding grant of Connectivity and addition of RE generation capacity.	
								85	Tata Power Renewable Energy Ltd.									
							2	300	Tata Power Renewable Energy Ltd.				2	0				
							3	300	Scatec India Renewables One Pvt. Ltd				3	0				
							4	300	Torrent Saurya Urja 2 Pvt. Ltd.				4	0				
							5	184	ABREL (RJ) Projects Ltd.				5	0				
								102	Aditya Birla Renewables Subsidiary Ltd.									
							6	153.6	VEH Green Energy Pvt. Ltd.				6	0				
								76.8	VEH Power Nirman Pvt. Ltd.									
								50	Vena Energy Aura Pvt. Ltd.*									
								50	Vena Energy Aura Pvt. Ltd.*									
							7	288	Tata Power Renewable Energy Ltd.				7	12				
							8 & 9	400	JSP Green Wind 1 Pvt. Ltd.				8 & 9	0				
							10	50	Avaada Energy Pvt. Ltd.*				10	0				
								250	Avaada Energy Pvt. Ltd.									
11	225	Tata Power Renewable Energy Ltd.				11	75											
8 & 9	300	JSP Green Wind 1 Pvt. Ltd.*				8 & 9	0											
12	270	Clean Renewable Energy Hybrid Two Pvt. Ltd.*				12	30											
13	300	Gadag Power India Pvt. Ltd.*				13	0											
14	125.4	Torrent Solar Power Pvt Ltd.*				14												
15	232.5	Tata Power Renewable Energy Ltd.*				15												
							4127.3		0									
34	400/220kV Gadag-II PS	Boundary coordinates 15°22'14.4772"N , 75°49'46.7210" E 15°22'17.2495"N , 75°50'01.3943" E 15°22'18.6458"N , 75°50'02.4365" E 15°22'37.0065"N , 75°50'02.4485" E 15°22'37.1862"N , 75°49'44.6073" E 15°22'37.0481"N , 75°49'37.0087" E 15°22'25.2447"N , 75°49'35.1817" E 15°22'12.8352"N , 75°49'30.6963" E	SR	7x500 MVA, 400/220kV		2x500 MVA, 400/220 kV	1	200	TP Saurya Ltd.	1 & 2	640	Greenko KAO1 IREP Pvt. Ltd.	1	100	1 & 2	0	New Pooling Station under implementation in Gadag area of Karnataka. *Agreed for grant M/s Serentica Renewables india Pvt. Ltd. requested to shift its all granted connectivity at 220kV level along with agreed for grant application at 400 kV Level. Gadag-II PS has been closed for all purpose regarding grant of Connectivity and addition of RE generation capacity.	
							2	160	Halvad Renewables Pvt. Ltd.		260	Greenko KAO1 IREP Pvt. Ltd.	2	57.2	3	0		
								82.8	Azure Power India Pvt Ltd.*	3	50	Serentica Renewables india Pvt. Ltd.						
							3	300	Green Infra Wind Energy Ltd.		50	Serentica Renewables india Pvt. Ltd.	3	0				
							4	170	Tata Power Renewable Energy Ltd		50	Serentica Renewables india Pvt. Ltd.	4	0				
								170	Tata Power Renewable Energy Ltd.		50	Serentica Renewables india Pvt. Ltd.						
							5	207	SolarXL Beta Energy Pvt. Ltd.		150	Serentica Renewables india Pvt. Ltd.	5	93				
								250	Project Nine Renewable Power Pvt. Ltd.		550	Serentica Renewables india Pvt. Ltd.*	6	0				
								50	Avaada Energy Pvt. Ltd.									
							7	184	ABREL (RJ) Projects Ltd.				7	14				
								102	Aditya Birla Renewables Subsidiary Ltd.									
							8	300	Renew Vayu Energy Pvt. Ltd.				8	0				
9	400	Tata Power Renewable Energy Ltd.				9	200											
10	250	Avaada Energy Pvt. Ltd.				10	50											
11	300	Green Infra Renewable Projects Ltd.*				11	0											
12	350	NTPC Renewable Ltd.*				12												
							3475.8		1800			514.2		0				

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Remarks	
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV			
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)		
35	765/400/220kV Kurnool-III PS	Boundary coordinates 15°01'47.416"N , 78°08'21.156" E 15°01'42.549"N , 78°09'03.340" E 15°01'08.814"N , 78°08'59.204" E 15°01'13.713"N , 78°08'17.023" E	SR	3x1500 MVA, 765/400kV		3x1500 MVA, 765/400kV & 9x500 MVA, 400/220 kV	1	150	AMP Green Energy Pvt. Ltd.	1 & 2	600	Adani Renewable Energy Forty Two Ltd.	1	0		300	New Pooling Station under implementation in Kurnool area of AP. *Agreed for grant	
							2	100	Amp Energy CI Twelve Pvt. Ltd.	4	900	Indosol Solar Pvt. Ltd.	2	200		0		
							3	270	Hero Solar Energy Pvt. Ltd.	5	900	Indosol Solar Pvt. Ltd.	3	30		0		
							4	300	SAEL Industries Ltd.	6	900	Indosol Solar Pvt. Ltd.	4	0		0		
							5	300	SAEL Industries Ltd.	7 & 8	1250	Adani Renewable Energy Fifty One Ltd.*	5	0		0		
							6	400	Acme Cleantech Solutions Pvt. Ltd				6	0				
							7	270	Hero Solar Energy Pvt. Ltd.				7	30				
							8	400	TATA Power Renewable Energy Ltd.*					0				
								2390			5350			260		400		
36	400/220kV Ananthapuram PS	Boundary coordinates 15°09'16.74"N , 77°25'49.14" E 15°09'0.32"N , 77°25'25.99" E 15°08'44.81"N , 77°25'34.83" E 15°09'1.14"N , 77°25'59.46" E	SR			7x500 MVA, 400/220 kV	1	295	Project Nine Renewable Power Pvt. Ltd.	1 & 2	1710	Renew Vikram Shakti Pvt. Ltd. #	1	0	1 & 2		New Pooling Station under implementation in Ananthapuram area of AP. *Agreed for grant # As per CERC directions, 3 nos. of 400kV bays reserved for the applications of Renew Vikram Shakti Pvt. Ltd.(1710) & Acme Cleantech Solutions Pvt. Ltd.(400 + 400). Further, Hon'ble High Court of Andhra Pradesh has directed that "Any connectivity that has been done pursuant to the orders dated 30.08.2023 is however subject to outcome of the writ petition"	
							2	150	Seven Renewable Power Pvt. Ltd.			250	ABC CT RE Park (01) Pvt. Ltd	2	0			
								160	Renew Vikram Shakti Pvt. Ltd. *			250	ABC CT RE Park (02) Pvt. Ltd		0			
							3	400	Acme Cleantech Solutions Pvt. Ltd			250	ABC CT RE Park (03) Pvt. Ltd					
								1055			2710			0		0		
37	765/400/220kV Bidar PS	Boundary coordinates 18°17'51.73"N , 77°18'8.95" E 18°17'51.19"N , 77°18'31.17" E 18°18'10.22"N , 77°18'31.23" E 18°18'11.89"N , 77°18'37.28" E 18°18'20.47"N , 77°18'37.51" E 18°18'20.86"N , 77°18'27.79" E 18°18'16.57"N , 77°18'27.67" E 18°18'16.45"N , 77°18'9.41" E	SR			3x1500 MVA, 765/400kV & 5x500 MVA, 400/220 kV	1	300	Hero Solar Energy Pvt. Ltd.*					0				New Pooling Station under implementation in Bidar area of Karnataka. *Agreed for grant
								300			0			0				
38	765/400/220kV Davanagere/Chitradurga PS		SR	4x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV														New Pooling Station under approval in Davanagere/Chitradurga area of Karnataka.
								0										
39	400/220kV Bellary PS		SR	4x500 MVA, 400/220 kV														New Pooling Station under approval in Bellary area of Karnataka.
40	400/220kV Bijapur PS		SR	5x500 MVA, 400/220 kV			1	300	Apraava Energy Pvt. Ltd.				1	0				New Pooling Station under approval in Bijapur area of Karnataka. *Agreed for grant
							2	252	Tata Power Renewable Energy Ltd.				2	0				
								50.4	Tata Power Renewable Energy Ltd.*									
							3	125	TEQ Green Power XVI Pvt. Ltd.				3	0				
								175	TEQ Green Power XVI Pvt. Ltd. *									
								902.4			0			0				
41	400/220kV Tumkur-II PS		SR	4x500 MVA, 400/220 kV			1	50	Project Ten Renewable Power Pvt. Ltd.				1	100				New Pooling Station under approval in Tumkur area of Karnataka. * Agreed for grant
								150	Ayana Renewable Power Pvt. Ltd *									
							2	300	Karnataka Solar Power Development Corporation Ltd.				2	0				
								500			0			100				

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)	
42	765/400/220kV Bhadla PS #	27 25 10 N, 72 04 20E	NR		3x1500MVA, 765/400kV, 8x500MVA, 400/220kV		1	250	Adani Renewable Energy Park Rajasthan Ltd	0	0		1	0			No more evacuation can be accommodated due to system capacity constraints in existing / planned system.
							2					2					
							3	500	Saurya Urja Company of Rajasthan Ltd.				3	0			
							4					4					
							225	750	Essel Saurya Urja Company of Rajasthan Ltd.				225	0			
							226						226				
							237	130	Azure Power India Pvt. Ltd				237	0			
							217	300	Tata Power Renewable Energy Ltd. (150+150)				217	0			
							232	300	Azure Power India Pvt. Ltd				232	0			
							235	300	Azure Power India Pvt. Ltd.(250+50)				235	0			
							224	300	Adani Renewable Energy Holding One Ltd. (erstwhile Mahoba Solar (UP) Pvt. Ltd.)(200+50+50)				224	0			
							223	250	ACME Solar Holdings Ltd				223	0			
							219	250	Hero Solar Energy Pvt.Ltd.				219	0			
							227	250	Mahindra Susten Private Limited				227	0			
							3580					0					
43	765/400/220kV Bikaner S/s #	28 14 57 N, 73 22 55 E	NR	1x1500MVA, 765/400kV	3x1500MVA, 765/400kV, 2x500MVA, 400/220kV	1x1500MVA, 765/400kV, 1x500MVA, 400/220kV	208	300	SBSR Power Cleantech Eleven Pvt. Ltd	415	850	ReNew Solar Power Pvt. Ltd. (250+300) AK Renewable Infra Private Limited (300)	208	0	415	50	Due to space constraints for additional 400kV corridor as well as 765/400kV ICTs, no new bay shall be allocated for grant of Stage-II Connectivity in line with decision in 5th CMETS meeting held on 30.03.2022. Additional transmission capacity is planned to meet N-1 requirement. 50 margin available as other application granted Connectivity at Bikaner PS
							207	300	AVIKIRAN SURYA INDIA PRIVATE LIMITED	418	600	Azure Power India Pvt. Ltd.(300+300)	207	0	418		
							204	335	Tata Power Green Energy Ltd. (225+110)	403	890	Avaada Energy Pvt. Ltd.(350+300+240)	204	0	403		
							203	300	Shikhar Surya (One) Pvt. Ltd. (70+105+125)	406	600	Ayana Renewable Power One Private Limited(300+300)	203	0	406		
														1235			
44	400kV Fatehgarh PS (TBCB) #	26°51'8.48"N, 71°30'34.29"E	NR	-	-	-	-	-	-	1	1000	Adani Renewable Energy Park Rajasthan Ltd.			1	0	No more evacuation can be accommodated due to system capacity constraints in existing / planned system
							2						2				
											410	1200	ACME Solar Holdings Ltd. (4 applications each 300)			410	
							0				2200		0	0			
45	765/400/220kV Bhadla-II PS #	Boundary Coordinates Point1:- 27.5047695, 72.4764157 Point2:- 27.5103991, 72.4844684 Point3:- 27.5160828, 72.4792790 Point4:- 27.5109950, 72.4713292	NR	1x1500MVA, 765/400kV	3x1500MVA, 765/400kV, 4x500MVA, 400/220kV	1x1500MVA, 765/400kV, 4x500MVA, 400/220kV	202	925	Rajasthan Solar Park Development Company Ltd.	441	550	NTPC Ltd.(250+300)	202	0	441	0	*Agreed for grant in 23rd CMETS-NR. CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However, matter subjudice (APTEL), margin shall be subject to outcome of court proceeding No additional connectivity can be accommodated due to technical limitation at Bhadla-II PS. Additional transformation capacity is planned to meet N-1 requirement.
							203			412	950	Azure Power India Private Limited (500+450)	203		412	50	
							205			415	500	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Ltd.)	205		415	0	
							206						206				
							208	250	Mahindra Susten Pvt. Ltd.				208	0			
							209	300	ABC Solar (India) Private Limited (erstwhile TBEA Solar (India) Pvt Ltd.)				209	0			
							218	300	ACME Solar Holdings Pvt. Ltd. (erstwhile ACME Solar Holdings Ltd)				218	0			
							219	300	NTPC Ltd.				219	0			
							221	300	Eden Renewable Alma Private Limited				221	0			
							A202	450	Project Nine Renewable Power Private Limited*				A202	150			
							A203						A203				
							A205	300	AMP Energy Green Private Limited (100+ 100+100)				A205	0			
							A206	320	Avaada Energy Pvt. Ltd.				A206	0			
							A209	300	Solarpack Corporacion Tecnologica S.A.				A209	0			
							3745				2000		150	50			

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Remarks								
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV										
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)									
46	765/400/220kV Fatehgarh-II PS #	Boundary Coordinates Point1:- N 26°42'13.3884", E 71°16'48.936 Point2:- N 26°42'13.5936", E 71°16'19.9956" Point3:- N 26°42'45.9396", E 71°16'19.8588" Point4:- N 26°42'45.6912", E 71°16'48.666"	NR	1x500MVA, 400/220kV	4x1500MVA, 765/400kV 6x500MVA, 400/220kV	2x1500MVA, 765/400kV 4x500MVA, 400/220kV	211	390	Adani Renewable Energy Holding One Ltd. (erstwhile Mahoba Solar (UP) Pvt. Ltd.)	432	0		211	0	432	500	Additional transformation capacity (1x500MVA) is planned to meet N-1 criteria. Margin available at Fatehgarh-II PS (SC GIB Committee comments that line from/to Fatehgarh-II PS passes through prioritised GIB area and DTLs can't be considered for overhead laying may also be kept in view).								
							212				212														
							218	300	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.				218	0											
							203	300	Eden Renewable Cite Pvt. Ltd				203	0											
							221	300	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.				221	0											
							220	300	ReNew Solar Energy (Jharkhand Three) Private Limited				220	0											
							209	300	Adani Hybrid Energy Jaisalmer Two Ltd. (erstwhile Adani Green Energy Seven Limited)				209	0											
							210	300	Adani Hybrid Energy Jaisalmer Three Ltd. (erstwhile Adani Green Energy Nine Limited)				210	0											
							A220	450	SBE Renewables Ten Private Limited				A220	0											
							A221						A221												
							202	300	Renew Solar Urja Private Limited				202	0											
							A222	240	NTPC Ltd. (150+90)				A222	0											
							A205	0					A205	500											
							A206						A206												
							A209	500	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Limited)				A209	0											
							A210						A210												
							A218	180	SBE Renewables Sixteen Private Limited				A218	0											
							A203	300	Eden Renewable Passy Private Limited				A203	0											
							A202	300	Eden Renewable Bercy Private Limited				A202	0											
													4460			0			500		500				
47	765/400/220kV Fatehgarh-III PS #	26°21' 00" N, 71°06' 00" E	NR	6x1500MVA, 765/400kV 5x500MVA, 400/220kV (Section-2)+1x500 (Section-1)	-	4x500MVA, 400/220kV (Section-1)	201	300	Renew Surya Vihaan Private Limited (200+100)	449	767	Azure Power India Pvt. Ltd. (500 + 100 +167)	201	0	449	0	Margins (50MW) are available on Section-II only as indicated.								
							202	400	Renew Surya Roshni Private Limited	423	1100	ReNew Solar (Shakti Three) Private Limited (300) ReNew Solar (Shakti Five) Private Limited (400) ReNew Samir Shakti Private Limited (300) ReNew Dinkar Jyoti Private Limited (100)	202	0	423	0									
							204	380	Altra Xergi Power Private Limited	453	900	Serentica Renewable India Pvt. Ltd. (300+300+300)	204	0	453	0									
							206	600	SBE Renewables Seventeen Private Limited	446	800	Sprng Power Private Limited (300) Sprng Akshaya Urja Private Limited (100) SPRNG ENERGY PRIVATE LIMITED (400)	206	0	446	0									
							208					208													
							210	300	ReNew Surya Aayan Private Limited				210	0											
							212	250	JSW Renew Energy Five Limited				212	0											
							227	250	Khaba Renewable Energy Private Limited (250)				227	50											
							225	300	IB VOGT Solar Seven Private Limited				225	0											
							239	420	ReNew Surya Jyoti Private Limited (210), ReNew Surya Pratap Private Limited(210)				239	0											
							233	400	ABC Renewable Energy Private Limited				233	0											
							231	400	XL Xergi Power Pvt. Ltd.				231	0											
							229	300	Enregizent Power Private Limited (125+80) Teq Green Power XV Private Limited (95)				229	0											
							218	250	JSW Renew Energy Five Limited				218	0											
													4560			3567			50		0				
							48	400/220kV Bikaner-II PS#	28°09'20"N, 73°00'23.4"E	NR	8x500MVA, 400/220kV		2x500MVA, 400/220kV	202	335	Juna Renewable Energy Pvt Ltd. (290+45)		416	1000	SJVN Ltd.	202	0	416	0	Due to revocation of 675 Connectivity granted to M/s Soltown, 675 margin is available for connectivity. CERC directed the CTUIL not to allocate 675MW at Bikaner- II PS to any other entity till outcome of the petition 114/MP/2023
														203	300	ReNew Dinkar Urja Pvt. Ltd. (200) Litsolaire Energy Pvt. Ltd. (100)					203	0			
207	300	Khidrat Renewable Energy Private Limited				207								0											
208	300	TP Saurya Limited (300)				208								0											
216	250	Sprng Nirjara Energy Private Limited (50) Juniper Green Cosmic Private Limited(100) Sourya Manthan Renewable Energy Private (100)				216								0											
218	400	Serentica Renewables India Pvt. Ltd. (100 + 300)				218								0											
214	100	Onevolt Energy Private Limited				214								0											
	100	Grian Energy Private Limited																							
	100	Amplus Ages Private Limited																							
201	300	ACME Solar Holdings Private Limited				201								0											
213	400	Prerak Greentech Private Limited (340 + 60)				213								0											
226 & 227	600	ALF Solar Amarsar Private Limited (400 + 150+50)				226 & 227								0											
225	300	NHPC Ltd.				225								0											
						3785			1000		0		0												

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)	
49	400/220kV Fatehgarh-IV PS#	26°15'2.58" N, 71°14'7.21" E	NR	5x500MVA, 400/220kV (Section-I) 4x1500MVA, 765/400kV, 5x500MVA, 400/220kV (Section-II)			203	380	ABC Renewable Energy Pvt. Ltd.	1	600	ReNew Solar Power Pvt. Ltd. (300 + 300)	1	0	1	0	Fatehgarh-IV PS (Section-II) is yet to be awarded. No margins available at Fatehgarh-IV PS
							212	300	AMP Energy Green Pvt. Ltd. (130 + 120+50)	2	900	NTPC Renewable Energy Ltd.	2	0			
							205	380	ABC RJ Land 01 Pvt. Ltd. (110+270)				3	0			
							207	365	Juniper Green Stellar Private Limited (100 100 + 60 +45+ 60)				4	0			
							214	300	Luceo Solar Pvt. Ltd. (200 + 100)				5	0			
							216	300	BN Hybrid Power-1 Pvt. Ltd. (119.2+180.8)				6				
							220	320	Cannice Renewables Energy Private Limited (80 + 150+90)				1				
							1	300	Radiant Star Solar Park Pvt. Ltd. (200 + 100*)				2	50			
							2	300	Helia Energy park (200 + 100)				3				
							3	300	Tepsol Saur Urja Pvt. Ltd.				4				
							4	300	Sprng Pavana Urja Private Limited (50+100'+150')				5	0			
							5	410	Green Infra Clean Wind Technology Ltd. (300) Green Infra Clean Solar Farms Pvt. Ltd. (110)				6	0			
							6	300	Juniper Green Stellar Pvt. Ltd.				7	0			
							7	300	Utkrisht Solar Energy Pvt. Ltd.				8				
8	300	BN Dispatchable-1 Pvt. Ltd.				9	0										
9	390	Aditya Birla Renewables Subsdiay Ltd.				10	0										
10	260	ABREL (RJ) Projects Ltd.				11											
							5505			1500		50		0			
50	765/400/220kV Bhadla-III PS#	Boundary Coordinates Point1:- N 27°40'56", E 72°11'47" Point2:- N 27°41'17", E 72°11'56" Point3:- N 27°40'46", E 72°11'59" Point4:- N 27°41'00", E 72°11'47"	NR	2x1500MVA, 765/400kV 10x500MVA, 400/220kV			1	400	Prerak Greentech Solar Private Limited	1	1000	ReNew Solar (Shakti Six) Private Limited (550 + 450)	1	0	1	0	*Agreed to grant 600MW capacity (2 nos. of 220kV bays) shall be reserved till outcome of appeal of Project Nine in APTEL..
							2	340	Abu Renewables India Private Limited	2	800	ReNew Solar (Shakti Six) Private Limited (400 + 400)	2	0			
							3	300	Juniper Green Beta Pvt. Ltd. (150 + 40 + 70 + 40)	3	650	Malur Renewables Private Limited*	3	0			
							4	300	Seven Renewable Power Pvt. Ltd.				4	0			
							5	300	Tepsol Sun Sparkle Pvt. Ltd.				5	0			
							6	300	Bhadla Three SKP Green Ventures Pvt. Ltd.				6	0			
							7	300	Juniper Green India Six Private Limited				7	0			
							8	300	Frugal Energy Pvt Ltd (50+250)				8	0			
							9	300	Serentica Renewables India Private Limited				9	0			
							10	310	Solarcraft Power India 4 Pvt. Ltd. (150 + 110 + 50*)				10	0			
							11	300	Green Infra Clean Energy Generation Ltd.				11	0			
							3450			2450		0		0			
51	765/400/220kV Ramgarh PS#	Boundary Coordinates Point1:- N 27°28'17.25" & E 70°29'38.37" Point2:- N 27°28'33.14" & E 70°28'52.29" Point3:- N 27°28'08.80" & E 70°28'34.37" Point4:- N 27°28'16.70" & E 70°28'43.16"	NR	3x1500MVA, 765/400kV 2x500MVA, 400/220kV			1			1	650	Adani Renewable Energy Holding Four Ltd. (500) Adani Solar Energy AP Three Ltd. (150)	1		1	250	
							2						2				
							3										
							4										
							0			650		0		250			
52	765/400/220kV Bikaner-III PS#	Boundary Coordinates Point1:- N 28°22'22.5372", E 73°10'14.722" Point2:- N 28°22'30.5184", E 73°10'58.998" Point3:- N 28°22'22.0008", E 73°10'53.267" Point4:- N 28°22'5.8332", E 73°10'28.697"	NR	6x1500MVA, 765/400kV 5x500MVA, 400/220kV			1	250	Juniper Green Cosmic Private Limited (150) First Energy Private Limited (100)*	1	1000	MRS BUILDVISION PRIVATE LIMITED	1	0	1	0	No margin available as other applications granted Connectivity at Bikaner-III PS *CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However, matter subjudice (APTEL), margin shall be subject to outcome of court proceeding
							2	267	Proteus Energy Private Limited (217) Sunsure Solarpark RJ One Private Limited (50)	2	1400	SUNBREEZE RENEWABLES NINE PRIVATE LIMITED	2	0	2	0	
							3	300	TP Saurya Limited	3			3		3	0	
							4	300	ACME Cleantech Solutions Private Limited				4	0			
							5	350	Saimaa Solar Private Limited (150) Sunsure Solarpark RJ One Private Limited (50+50+50+50)				5	0			
							6	500	NTPC Renewable Energy Ltd. *				6	0			
							7						7	0			
							8	300	Deshraj Solar Energy Private Limited*				8	0			
							2267			2400		0		0			
53	765/400/220kV Bikaner-IV PS#	Location yet to be identified	NR	4x1500MVA, 765/400kV 4x500MVA, 400/220kV			1	300	Solarcraft Power India 17 Pvt. Ltd.	1	950	Avaada RBikaner Private Limited (50+600) Avaada Energy Private Limited (300)	1		1	0	*Agreed to grant Bikaner-IV PS Tr. Scheme is under approval No margin available as other applications granted Connectivity at Bikaner-IV PS
							2	300	Sunsure Solar Park Fourteen Pvt. Ltd.	2	800	NTPC Renewable Energy Ltd. *(150+250+400)	2				
							3	300	AM Green Energy Private Limited*	3	700	NTPC Renewable Energy Ltd. *	3				
							4	300	Hazel Hybren Private Limited*				4				
							5	300	Iraax International (Opc) Pvt. Ltd.*								
							6	300	Clean Max Gamma Pvt. Ltd.*								
							7	250	Shudh Solar Power Private Limited*								
							8	300	Furies Solren Private Limited*								
							2350			2450		0		0			

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)	
54	765/400/220kV Barmer-I PS#	Boundary Coordinates* (As on 21.02.2024) Point1:- 25° 55'4.2"N, 71°7'25.43"E Point2:- 25° 55'11.22"N, 71°7'51.64"E Point3:- 25° 54'51.34"N, 71°7'57.65"E Point4:- 25° 54'43.74"N 71°7'33.33" E	NR	3x1500MVA, 765/400kV 2x500MVA, 400/220kV				1	400	ACME Cleantech Solutions Pvt. Ltd.	1	0					*Agreed to grant Barmer-I PS & its interconnections are yet to be awarded No margin available as other applications granted Connectivity at Barmer-I PS
								2	300	Teq Green Power XV Pvt. Ltd.	2	0					
								3	300	Avaada Energy Private Limited (50+250*)	3	0					
								4	300	Eden Renewable Cadet Pvt. Ltd.	4	0					
								5	300	Enren-I Energy Pvt. Ltd.	5	0					
								6	250	Anboto Solar Private Limited*	6						
								7	300	Auxo Sunlight Private Limited*	7						
								8	300	Gamma Renewables India Project One Ltd.*	8						
								9	300	Juniper Green Energy Private Limited*	9						
								10	300	ReNew Sun Power Private Limited*	10						
								3050				0			0		
55	765/400/220kV Sirohi S/s	Boundary Coordinates* Point1:- 25° 5'17.12"N, 72°47'45.20"E Point2:- 25° 5'4.97"N, 72°47'13.43"E Point3:- 25° 4'42.39"N, 72°47'33.31"E Point4:- 25° 5'1.36"N 72°47'52.69" E	NR	2x1500MVA, 765/400kV												Tr. System to be reviewed & finalized for 2GW evacuation (sch.upto Feb'29). Presently 400kV level under bidding; 220kV level if required shall have to be taken up for approval seperately	

Disclaimer :-
1. Boundary coordinates indicates the periphery within which the Sub-station is located.
2. Bay numbers are indicative in nature and may be co-related with SLD issued by concerned ISTS Licensee.
3. *The co-ordinates are tentative in nature and subject to change as per availability of land with in boundary limit. Boundary limit is 3 km radius of above plot (3 km from any of the corner).
4. Transition of Connectivity applications received under Connectivity Regulations 2009 to GNA and Connectivity/GNA applications received under GNA Regulations, 2022 are under process.